

Project Scope

FAP 316 (IL 26)
Section (116) R & T
Bureau County

Project Limits: IL 26 from the I-80 & IL 26 Interchange to south of the Red Covered Bridge Road.

General Project Scope: Widen IL 26 at the I-80 & IL 26 interchange to match the 5 lane typical section on the IL 26 structure over I-80. Taper the 5 lane typical section to a 3 lane typical section at Progress Drive. Taper to match existing 2 lane typical section north of Progress Drive. The consultant will provide the necessary engineering support required to complete a Phase 1 project report.

Approximate Project Length: $\frac{3}{4}$ mile

1. Intersection Design Studies
 - a. North intersection of I-80 & IL 26 interchange
 - i. Match 5 lane typical section on structure
 - b. Progress Drive
 - i. 3 lane typical section w/ left turn lanes
2. Location Drainage Study
 - a. Storm sewer – See IDOT Drainage manual for required format & analysis.
3. Hydraulic Report
 - a. Double 8.58' X 7' box culvert – See IDOT Drainage manual for required format & analysis.
 - b. 5' x 5' box culvert – See IDOT Drainage manual for required format & analysis.
4. Survey Requirements
 - a. Necessary to complete topography of project site
 - b. Hydraulic Surveys
5. Project Report
 - a. Anticipated to be a Group II categorical exclusion
 - b. Typical sections
 - c. Traffic management analysis
 - d. Environmental surveys
 - i. Produce exhibits for the environmental surveys
 - ii. Biological
 - iii. Cultural
 - iv. IDOT to submit ESR to Central Office for processing.
 - e. Cost estimate
 - i. Summary of quantities with pay item names & numbers
 - f. Any other project related documents as needed or required
6. Quality Control/Quality Assurance
 - a. This is a required line item for both labor hours and billing
 - b. This item is to include QC/QA hours of the prime consultant as well as any sub-consultant
 - c. QC/QA plan is required part of contract documents
7. Other required work to complete Phase 1 project report

8. Data Collection –
 - a. Review data supplied by District 3
 - b. Field Check the project limits
 - c. Inspection of all side road and cross road culverts
 - d. Locate any obvious sensitive areas
9. Field Survey Complete
 - a. Topographic route survey necessary to provide complete survey coverage of project site.
 - b. Any survey work required for drainage studies
 - c. CADD work required to process the topographic survey and develop initial set of plan and profile and cross section sheets
 - d. Note: ALL CADD WORK TO BE IN MICROSTATION V8 FORMAT AND ACCORDING TO IDOT STANDARDS AND DISTRICT 3 CADD BOOKLET.
10. Right of Way Plats and Plans will be done by another consultant
11. Alternate Design Studies – None Anticipated
12. Drainage Studies
 - a. Maintain existing drainage patterns
 - b. Determine logical storm sewer or ditch outfalls
 - c. Determine outfall end treatments to minimize erosion, velocity
 - d. Size storm sewer or ditches to pass policy year storm
13. Hydraulic study is not required for this project
14. TS&L drawings are required for this project
15. Intersection Design Studies
 - a. 3 submittals – draft, pre-final and final
 - b. Intersections
16. Preliminary Project Report
 - a. Cost estimate
 - b. Existing and proposed typical section diagrams for project report
 - c. CADD work for proposed interchange and intersection geometry.
17. Handling Traffic
 - a. It is anticipated that the this project will be constructed under traffic using the applicable traffic control standards. The consultant will identify construction methods and sequences which will minimize motorists' inconvenience.
18. Progress Meetings
 - a. Consultant in-house meetings to discuss the project progress. This item is not to be used for project administration
 - b. Meetings with IDOT at the District headquarters
19. Final Report
 - a. N/A
20. Administration
 - a. Project administration of subconsultants by prime consultant
 - b. Project administration - including payroll, billing and filing
 - c. Includes project administration by subconsultants

21. Quality Control/Quality Assurance

- a. Ensure that the product developed by the consultant meets IDOT policy and intent of District 3. This is to be a line item on all project schedules and invoices submitted for payment
- b. Includes QC/QA by subconsultants

22. Environmental Assessment

- a. Erosion and sediment control plan
- b. Tree Impacts
 - i. Evaluation
 - 1. Numbers
 - 2. Types
 - ii. Reasons for removal
 - iii. Measures to minimize impacts

Proposed Project Schedule

Consultant selection	October 2, 2002
Project scoping	October 5, 2002
Submit Consultant Estimate of Labor Hours	
Labor hour negotiations	
Consultant final package submittal	
District submittal of package To Springfield	
Estimated authorization to proceed	
Submittal of existing plan & profile, cross sections	
Submittal of proposed plan profile, cross sections	
Submittal of draft Drainage Report	
Submittal of rough draft report	
Submittal of various environmental studies: air, noise, etc.	
Submittal of draft public meeting documents and exhibits	

Public information meeting

Submittal of prefinal report
for in-house circulation

Submittal of final report

February

Design Approval

February